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1. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

2. Claims 36 and 38 are rejected under 35 U.S.C. 103(a) as being unpatentable over Bezaire et al. 6,315,161 in view of Schultz 5,299,917. Bezaire discloses a chemical feed system including a pump 130 with inlet and outlet conduits and valves 150, 152, 154 as disclosed on column 11, lines 33-45, feed line heaters 168, and a dispenser 12 substantially as claimed but does not disclose a plug member supported by the pump assembly for closing an opening when a transfer line is detached. However, Schultz teaches another pump 112 having a plug 118 supported by the pump by tether 166 for the purpose of closing the pump opening 160 when the transfer line 120 is detached. Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to provide the pump of Bezaire with an attached plug as, for example, taught by Schultz in order to close any pump openings when the transfer lines are detached.

3. Applicant's arguments with respect to the claims have been considered but are moot in view of the new ground(s) of rejection.

4. Claims 18, 20, 21, 23, 25 and 56-66 are allowed.

5. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to J. Casimer Jacyna whose telephone number is 571-272-4889. The examiner can normally be reached on Mon. thru Fri. 9AM-5PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kevin Shaver can be reached on 571-272-4720. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/J. Casimer Jacyna/  
Primary Examiner, Art Unit 3754